



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 13, 1998

PTAS



100581894A

JONES, DAY, REAVIS & POGUE
CALVIN P. GRIFFITH, ESQ.
NORTH POINT
901 LAKESIDE AVE.
CLEVELAND, OH 44114

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

3553 U.S. PTO
09/374344
08/13/99

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/19/1997

REEL/FRAME: 3814/0741
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAYAKAWA, MAKOTO

DOC DATE: 09/11/1997

ASSIGNOR:

KOJIMA, EIICHI

DOC DATE: 09/11/1997

ASSIGNOR:

NORIMOTO, KEIICHIRO

DOC DATE: 09/11/1997

ASSIGNOR:

MACHIDA, MITSUYOSHI

DOC DATE: 09/16/1997

ASSIGNOR:

KITAMURA, ATSUSHI

DOC DATE: 09/11/1997

ASSIGNOR:

WATANABE, TOSHIYA

DOC DATE: 09/11/1997

ASSIGNOR:

CHIKUNI, MAKOTO

DOC DATE: 09/11/1997

8814/0741 PAGE 2

ASSIGNOR:
FUJISHIMA, AKIRA

DOC DATE: 09/12/1997

ASSIGNOR:
HASHIMOTO, KAZUHITO

DOC DATE: 09/12/1997

ASSIGNEE:
TOTO LTD
KITA-KYUSHU-SHI
1-1 NAKASHIMA 2-CHOME KOKURA-KITA-KU
FUKUOKA, JAPAN 802

SERIAL NUMBER: 08933886
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in
METHOD FOR PHOTOCATALYTICALLY RENDERING A SURFACE OF A SUBSTRATE
SUPERHYDROPHILIC, A SUBSTRATE WITH A SUPERHYDROPHILIC
PHOTOCATALYTIC SURFACE, AND METHOD OF MAKING THEREOF

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 623865009005.

WHEREAS, Toto Ltd, a corporation of Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date I Signed
Declaration

Today's
Date

September 11, 1997

September 11, 1997

Makoto Hayakawa
Makoto Hayakawa

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

September 11, 1997

September 11, 1997

Eiichi Kojima
Eiichi Kojima

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

September 11, 1997

September 11, 1997

Keiichiro Norimoto
Keiichiro Norimoto

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

September 16th, 1997

September 16th, 1997

Mitsuyoshi Machida
Mitsuyoshi Machida

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

9/11/1997

9/11/1997

Atsushi Kitamura
Atsushi Kitamura

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

Sep. 11, 1997

Sep. 11, 1997

Toshiya Watanabe
Toshiya Watanabe

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

9/11/1997

9/11/1997

Makoto Chikuni
Makoto Chikuni

Witness

Address: c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku,
Kita-kyushu-shi, Fukuoka 802 Japan

Witness

Date I Signed
Declaration

Today's
Date

Sep. 12, 1997

Sep. 12, 1997

Akira Fujishima
Akira Fujishima

Witness

Address: 710-5, Nakamaruko, Nakahara-ku, Kawasaki-shi,
Kanagawa, 211 JAPAN

Witness

Date I Signed
Declaration

Today's
Date

9/12/1997

9/12/1997

Kazuhiro Hashimoto
Kazuhiro Hashimoto

Witness

Address: 2073-2-213, iijima-cho, Sakae-ku, Yokohama-shi, Kanagawa,
244 JAPAN

Witness

Makoto Hayakawa, Eiichi Kojima, Keiichiro Norimoto, Mitsuyoshi Machida, Atsushi Kitamura,
Toshiya Watanabe, Makoto Chikuni, Akira Fujishima, Kazuhito Hashimoto